

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): TANIGUCHI, et al  
Serial No.: (not yet assigned)  
Filed: November 13, 2003  
For: LIQUID CRYSTAL DISPLAY APPARATUS

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 13, 2003

Sir:

In the matter of the above-identified application, this information disclosure statement is being submitted with the following citation as specified in 37 CFR 1.97(d).

"A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 09/463,776, filed January 28, 2000 and Serial No. 10/020,975, filed December 19, 2001.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (500.38128CX2) and please credit any excess fees to such deposit account.

Respectfully submitted,



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Form PTO-1449  
Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 500.38128CX2  
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U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
	5,349,503	9/94	Blonder et al		
	5,461,547	10/95	Ciupke et al		
	5,575,549	11/96	Ishikawa et al		
	5,584,556	12/96	Yokoyama et al		
	5,668,913	9/97	Tai et al		
	5,883,163	3/99	Hosonuma		
	5,926,601	7/99	Tai et all		
	5,956,107	9/99	Hashimoto et al		
	5,961,198	10/99	Hira et al		
	5,999,238	12/99	Ihara		
	6,123,431	9/00	Teragaki eta l		
	6,231,200	5/01	Shinobara et al		
	6,504,589	1/03	Kashima et al		
	6,530,671	3/03	Taniguchi et al		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
2-000017	1/90	Japan		
4-162002	6/92	Japan		
4-294383	10/92	Japan		
5-60908	3/93	Japan		
5-79537	10/93	Japan		
5-210014	8/93	Japan		
5-289393	10/93	Japan		
6-18879	1/94	Japan		
6-67004	3/94	Japan		
6-25802	4/94	Japan		
6-123885	5/94	Japan		
6-208113	7/94	Japan		
6-230380	8/94	Japan		
6-289393	10/94	Japan		
7-294745	11/95	Japan		
7-333443	12/95	Japan		
8-43635	2/96	Japan		
8-106656	4/96	Japan		
8-237807	9/96	Japan		

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Foreign Patent Documents (cont.)

Document No.	Date	Country	Class Subclass	Translation
				Yes    No
8-254616	10/96	Japan		
8-286186	11/96	Japan		
8-327807	12/96	Japan		
9-131770	5/97	Japan		
9-292531	11/97	Japan		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.